SMITHSONIAN REPORT IS ALREADY EXHAUSTED

Special Edition of Scientific Ar- Utilities Commission Grants Priviticles, Contained in the Report, Printed to Meet Demand.

The recent issue of the Smithsonian annual report has already been ex-hausted, owing to the great demand tion without transferring a new rout from individuals for this volume, which ing arrangement for the 14th street is regularly distributed to public libraries, scientific societies and periodicals. A special edition of the popularly written scientific articles contained in this report is, however, printed to meet the demand of specialists and students of the various subjects treated. Some of these articles are men-tioned in the following resume.

tioned in the following resume.

Prof. Jaumann, in an article on the modern ideas on the end of the world, presents new and more reassuring views which predict a future of limitless extent. He assures us that the sun will not cool off and thus bring the development of civilization to a stop, but that, since the radiation from the sun is stable, the intellectual and physical evolution of humanity will continue for immeasurable time, and eventually may reach heights hitherto unimagined.

Oil Films on Water.

A paper by Prof. Henri Devaux of Bordeaux contributes much information on the peculiar action of oil films on water and mercury, which forms a summary of his investigations in this connection since 1903, including the study of the limit of the expansion of oil over water, the thickness of the oil film, the evolution of large drops of oil on water and various other fea-tures. The thinnest film of oil which can exist was found to be one and one-tenth millionths of a millimeter, at one-half the thickness of the wall of the thinnest soap bubble.

Another scientist, Monsieur Ch. Epry, reports on some interesting researches conducted in an endeavor to ascertain the cause of the well known ripple marks left on every beach by the ebbing tide. Unlike earlier students of this phenomenon, M. Epry attributes the cause of these depressions to the action of the water alone, explaining that they always appear on sandy bottoms where a transverse current cuts across the normal current of the ebb. The article is illustrated by several photographs taken at different points along the French coast, and by diagrams showing the action of the tide. enorts on some interesting researches

Water Present in Lava.

Arthur L. Day and E. S. Shepard report their investigation in the crater of the Kilauea volcano on the Island of Hawaii, stating that water is present in hot liquid lava and is responsible for volcanic activity, which statement goes to prove the old theory of volcanic action, supposedly refuted some time ago by Albert Brun of Geneva They secured specimens of lava, and samples of the volcanic gases before they reached the air, in order to observe the character of the chemical reactions which take place in an active volcano, and in particular to determine the role played by important gaseous

The analysis of both the old and new lava showed it to be composed essentially of glass, with large crystals of olivine and feldspar and a wide variety of other minerals and minute crystals. Their gas analysis showed the presence of nitrogen, carbon dioxide and monoxide, sulphur, sulphur dioxide, hydrogen and water, with traces of fluorine, and chlorine. The report explains the presence of the formation as an original component of liquid lava, and contains much information concerning water and volcanic activity. The edition of this paper in separate form has already been exhausted. The analysis of both the old and new

OLEOMARGARINE COLORERS MUST GO TO PRISON

Federal District Court at St. Louis.

ST. LOUIS, Mo., January 30 .- Twenty-seven persons were sentenced to imprisonment or heavy fines for violaons of the law imposing a tax on colored eleomargarine in the federal dislet court here today. Of these eight were convicted by juries and nineteen dented guilty.

Most of the men sentenced were fined

\$5,000 each. One was fined \$10,000. All ont one were given prison terms rangfrom thirty days to three and onemilf years, the heaviest penalty being mposed on Lester H. Kennedy who, the presiding judge said, had been the singlender of the conspiracy.

In imposing the sentences, which were the culmination of an extensive investigation of violations of the law here, Judge John C. Pollock declared a band of oleomargarine "moonshiners" operating in St. Louis had paid money for protection.

Made Him Shudder. From the Pittsburgh Post.

"I was somewhat perturbed."

"My wife is knitting socks for the soor of all nations"

"But why the uneasiness?"
"At first I thought they were for me."

Dentistry That Lasts Wiega a a

f your feeth pain you, don't delay: lon consult a specialist when you operation performed, a specialist if eyes, throat, cars, etc. WHY SPECIALIST FOR YOUR TEETH?

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CAPITAL TRACTION LINE MAY CHANGE ROUTES

leges Which Will Save Transferring.

Designed to enable a larger numbe of passengers to reach their destina and Georgetown lines of the Capital Traction Company has been approve by the public utilities commission and will go into effect Monday, February 8 There are now two divisions on the 14th street line-one operating between Decatur street and 8th and F streets northeast, and the other between Pines Branch road and the Capitol loop. In lieu of this arrangement it is proposed to run cars from Decatur street to Union station only, abandoning the service between Union station and 8th and F streets, and from Piney Branch road to the navy yard, via Pennsylva nia avenue and south of the Capitol.

Affects Georgetown Cars.

Georgetown cars, instead of those of he 14th street line, will run through to 8th and F streets under the new arrangement. This line will be operated to 8th and F streets via Union station in both directions, passing over F and G streets, between 26th and 17th streets northwest.

Persons living in the vicinity of 8th and F streets expressed a desire to the company and the public utilities commission for a service between that section and the government offices in the vicinity of 17th and 18th streets northwest, and the new routing of the Union station line will meet this demand without lessening the present service through Georgetown.

The change in routing on the 14th street line was made primarily to re-

without lessening the present service through Georgetown.

The change in routing on the 14th street line was made primarily to remove cause for complaint about delays in front of the Decatur street car barn. Delays in front of this barn to cars bound for Piney branch are caused by the fact that this is the operating barn of the crews of these cars, and it is necessary for returns to be made and tickets to be purchased, etc. By operating the Piney branch line to the navy yard, the reason for this delay, it is explained, will be removed, as the car barn at the navy yard will be used as the operating barn.

The new routes were proposed to the utilities commission by the company

utilities commission by the company and it is believed that they will better accommodate patrons, especially those living in the southeast section of the

WASHINGTON DEFEATED IN SHOOTING CONTEST

Bridgeport Team Scores Victory by Few Points-Standing of Various Organizations.

the interclub gallery rifle shooting championship series of the United States by the team of Bridgeport, by a score of 988 to 981, last week.

Only a point separates each of the first three clubs in the competition Cleveland leads with 5.948 points, out of the possible 6,000; Bridgeport is second with 5.947: Kings Mills, Ohio, third, with 5,946, and Warren, Pa., fourth, with 5,943.

Results of the week's matches:

Warren, 991 vs. Dickinson, N. D., 979 Bridgeport, 988, vs. District of Colum-

King's Mills, 995, vs. Birmingham, 975, Bucyrus, Ohio, 988, vs. Manchester, N. H., 971.

Twenty-Seven Men Are Convicted in

Federal Picturia Convicted in 947.

Tolars B'—

Madison, Wis., 967, vs. Louisville (Swiss), 929.

Hopkins, Minn., 957, vs. Milwaukee, 947. Youngstewn, 974 vs. Tacoma, 948. Marion, Ohio, 976, vs. Watertown, N., 956.

St. Louis, 971, vs. Indianapolis, 940. Bangor, Me., 985, vs. Des Moines, 958 Bangor, Jac., Co., Class "C"—
Buffalo, 969, vs. Albion, Ind., 947.
Ogden, 954, vs. Detroit, 948.
Tucson, 947, vs. Payette, Idaho, 915.
New Haven, 968, vs. Corinna, Me., 928.
Watertown, S. D., 966, vs. Louisville
(Rifle), 926. Kane, 969, vs. Salt Lake, 964.

Dramas of a Great City. Being a Collection of Scenes from

The Sick Radiator. (The usual apartment house parlor,

with a tall, conspicuous radiator near the piano. This particular radiator has been ailing for some time, but the family let it complain until the people liv-ing below sent a note to the owner, in which they charged the husband and his wife with throwing the gas stove at each other. Hence, the consultation, Present are the husband, his wife, the elevator boy and the janitor.) The radiator (defiantly)-Crk-crk, gr--romb-bang!

The husband-I think there's some thing stuck inside of it. The elevator boy (deeply interested) Mebbe so, mebbe so. The janitor (on his knees and tinke



ailing.

ing with the dingus that regulates the entry of the steam)—It ain't that.

The elevator boy (prepared for argument)—How do you know that? You ain't seen its insides, have you?

(Janitor ignores the elevator boy.)

Husband (as a great thought strikes him)—I think I'll turn this. (Goes to end of radiator opposite janitor and turns the valve. A' hissing rush of steam follows.)

Husband (hastily turning off yalve)—

team follows.)
Husband (hastily turning off valve)—
berned if I thought it'd do that.

Janitor (sourly)—You don't know this
addiator, mister. It's liable to do any-The radiator (in a frenzy of anger)

Irk-rr-k-ke-hunk-ke-hunk-u-r-r-r-blob-bang! Wife-Maybe the steam pipes are WANTS POOR AT HOME

(Elevator boy departs.)

Radiator (feebly expiring) — Yoko-homa, Yokohoma, Kokoma, blip! Husband—Sounds like it was trying

Husband—Sounds like it was trying to cheer.

Janitor (grimly)—It will feel like saying its prayers before I get through with it.

Wife—This is the limit.

Husband (brilliantly cutting the Gordian knot)—By George, I won't stand for another winter of this. As soon as I've saved up I'm going to move into the country.

Looked Suspicious.

"That cat must think she's prettier

His Indefinite Status.

"The fellow who married your

"He is my son-in-law now," grimly

Baby Cribs

Special . . \$4.65

replied Grout P. Smith. "I don't know

the Pittsburgh Post

"Why so, Vanessa?"

From Judge.

daughter

icture taken with her."

Wife—Maybe the steam pipes are cold.

Husband—After that rush of steam?
Wife—Well, I thought I might make the suggestion. (There is a slight note of injury in her voice.)
Husband (cheerfully)—Well, if we're going to have suggestions, I'll make mine. Its liver is torpid.
Elevator boy (a liberal-minded youth)—Mebbe so, mebbe so.
Janitor (turning something)—More steam! (There is a rush. After a moment he cuts off the supply.)—That's twict it's done that.
Husband (eager to help)—I guess you better cut off the steam.
Janitor—That's what I'm doing now. (To elevator boy) Go downstairs and tell 'em to cut off the steam in apartment 43.

(Elevator boy departs.)

(Elevator boy departs.) bers of innocent, victims and the griev-Janitor—I'm going to take the cussed thing down into the basement and—Husband and wife—How will we keep down and will we keep Husband and wife—How will we keep this room warm?

Janitor (simply)—You won't. You'll have to go in another room.

(After a time the elevator boy returns with information that the steam is cut off and the janitor then loosens the moorings of the radiator.)

Radiator (feebly expiring)—Yoko—have been made utterly destitute.

Many marvels of our time were foreseen by imaginative men and vividly described by romancers before they were realized. But in most of these their means of livelihood, homes have been deliberately shattered, railways have been by imaginative men and vividly described by romancers before they were realized. But in most of these their means of livelihood, homes have been obliterated, women and children have been made utterly destitute. deep and expensive mine shafts have

House & Herrmann

WANTS POOR AT HOME

TO SHARE IN RELET

Writer Would Not Have Efforts

Confined to War Victims

in Europe.

To the Editor of The Star:

We read that of all the suffering brought on by the recent war, it is in Belgium that the largest numbers of innocent, victims and the largest numbers of innocent, victims and the griev
To the fine suffering berough to not by the recent war, it is in Belgium that the largest numbers of innocent, victims and the griev
To the fine suffering humanity, keeping in mind forever and a day the old adage: Charity begins at home.

ADA WOODS.

Marvels of the World.

From the Springfield Republican.

Many marvels of our time were fore have been confiscated, industries have been paralyzed, wage-earners have lost their means of livelihood, homes have been obliterated, women and children have been made utterly destitute.

We read also of the grand and noble relief work of such persons as Robert with the relief work of such persons as Robert with the relief work of such persons as Robert with the relief work of such persons as Robert with the relief work of such persons as Robert with the relief work of such persons as Robert with the relief work of such persons as Robert with the relief work of such persons as Robert with the relief work of such persons as Robert with the relief work of such persons as Robert with the relief work of such persons as Robert with the relief work of such persons as Robert with the relief work of such persons as Robert with the relief work of such persons as Robert with the relief were realized. But in most of these fancy pictures the writer has falled, naturally enough, to realize how quick-layer to the relief were realized. But in most of these fancy pictures the writer has falled, naturally enough, to realize how quick-layer with the relief were realized. But in most of these fancy pictures the writer has falled, naturally enough, to realize how quick-layer with the relief were realized. But in most of these fancy pictures the writer has falled, naturally enough, to realize how quick-layer with the relief were spoken loudly from a lecture platform. It cannot go to the friend's ear alone. Other auditors are crowded too closely about.

In the same way the mere calling out of a friend's name way the mere calling out of a friend's name way the mere calling out of a friend's name way the mere calling out of a friend's name way the mere calling out of a friend's name way the mere calling out of a friend's name way the mere calling out of a friend's name way the mere calling out of the properties of the properties of the properties of the pr We read also of the grand and noble relief work of such persons as Robert W. DeForest, and Ernest P. Bicknell, to vice president and director, respectively, of the American Red Cross Association. Also of Mme. Vandervelde and our own Mrs. John A. Logan. And we are all the rate of \$10,000 at a day. This is as it should be wireless has come to seem as much a sympathetic chord in our bosoms is southed whenever we hear of human as the first of the states, but if that should come into use in a few months it would seem as prosate to can talk to persons in remote cities. That should come into use in a few months it would seem as prosate to can talk to persons in remote cities. That was a thrilling little story of the mergo in the time since his email; and distinguished whenever we hear of human few months it would seem as prosate to can talk to persons in remote cities. That was a thrilling little story of the negro in the time since his emancipation from bondage, in the face of daily attempts to humiliate, crush and destroy the negro—this effort on the part of our leaders to help the Belgians is magnanimous.

We can but think of the many little black boys and girls in the states, to get the wonderfunes of seeing or provided and and the top and the provided and the pro

is wonderful, but the heart of man is more wonderful yet. We live in an age widely scattered colony of over 50,000 —and the Slovaks of southern Virginia, is that they are not marvelous.

Talking in Elevators.

From the Chicago Post, When the "Book of Downtown Etiquette" comes to be written, we trust that the first "don't" will be: acquaintance when met in a crowded

And the second rule should be like "Don't discuss anything, not even the

veather, in a crowded elevator." For a crowded elevator is like a lec ture platform under intensive conditions. It is a rostrum, around which breathless audience is gathered. Any word uttered catches instantly the whole and eager attention of the car. because usually the car has nothing else to seize upon in order to pass the

should increasingly act as a magnin to draw to American lands the thou sands of immigrants who return year-

ly to invest their money at \$400 the acre in their fatherlands. Concerning both the ability of the Slavs to farm intelligently and their worth as citizens the report of the bureau leaves and other than the contract of the bureau leaves.

A Saving Woman

the Boston Transcrip Boarder-What do you mean by call ing us to breakfast at this hour; it's

only 5 o'clock? Waitress-The missus heard it thundering and she told us to hurry up and serve breakfast before the mill



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certain of continuous suction. They displace 40,000 cubic inches of air per minute-just think of it! The nozzle overlaps 12 inches, so you can get into the corners; full ball-bearing. The brush is made of best Russian bristles; self adjusting to all naps of Carpets and Rugs. Mahogany-finished wooden case; nickel-plated metal parts

Easy to operate-because it only weighs eleven pounds. Has three bellows, which make

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Oak Dresser One of the most popular models, in Quarter-sawed Oak, with two top and two long drawers: large be vel French plate mirror: best

\$18

nirror; best Actual Value,

all-steel tubing handles and enamel push bar. Easy springs;

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Actual

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or oak finish; durable upholstery;

Actual

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